

METHODS AND MATERIALS FOR REDUCING DAMAGE FROM
ENVIRONMENTAL ELECTROMAGNETIC EFFECTS

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ABSTRACT OF THE DISCLOSURE

Disclosed is a method of reducing damage
resulting from environmental electromagnetic effects on a
non-metallic surface. The method includes disposing a
polymeric sheet material over the non-metallic surface
and disposing a metal layer between the non-metallic
surface and the polymeric sheet material. Objects which
includes a substrate having a non-metallic surface, a
halopolymer sheet material disposed over the substrate's
non-metallic surface, and a metal layer disposed between
the halopolymer sheet material and the substrate's non-
metallic surface are also described. Laminates are also
disclosed. One such laminate includes a metal layer
having a first surface and a second surface, a
halopolymer sheet material bonded or adhered to the first
surface of the metal layer, and an adhesive disposed on
the second surface of the metal layer. Another such
laminate includes a halopolymer fabric having a first
surface and a second surface, a metal layer bonded or
adhered to the first surface of the halopolymer fabric,
and an adhesive disposed on the second surface of the
halopolymer fabric.